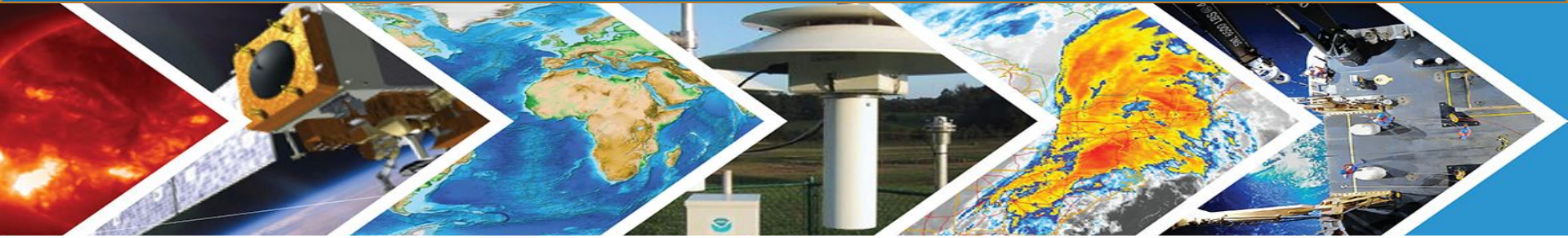


NOAA's Climate Services: Connecting Users to Climate Science and Information



Ellen Mecray, NOAA Regional Climate Services Director- Eastern Region,
and Co-lead NOAA Service Delivery Team

NOAA/NESDIS/NCEI Regional Climate Services



NOAA Satellite and Information Service | National Centers for Environmental Information

NOAA's Authoritative Climate Products & Services

NOAA CLIMATE PRODUCTS & SERVICES

CLIMATE
PRODUCTS

CLIMATE
ASSESSMENTS

DATA TO
STIMULATE
CLIMATE INDUSTRY

CLIMATE
RESILIENCE
INFORMATION &
TOOLS

CLIMATE
LITERACY
INFORMATION
& TOOLS

FOUNDATIONAL CAPABILITIES

OBSERVATIONS

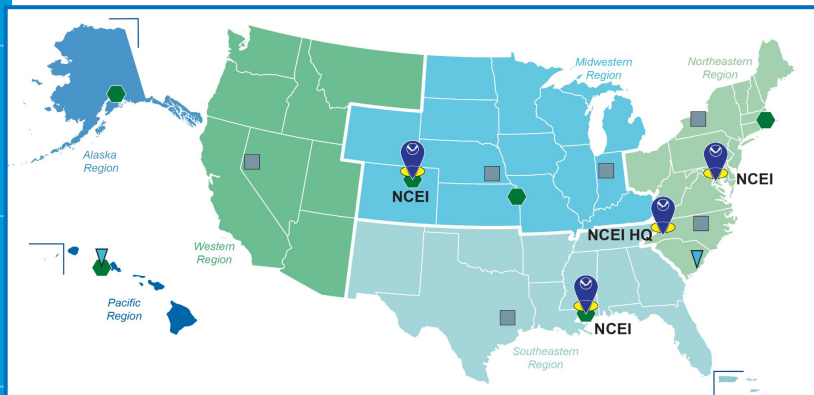
RESEARCH/SCIENCE

MODELS & PREDICTIONS

SERVICE DELIVERY

** Note that the NOAA Climate Services are examples*

NCEI National Climate Services Partnership

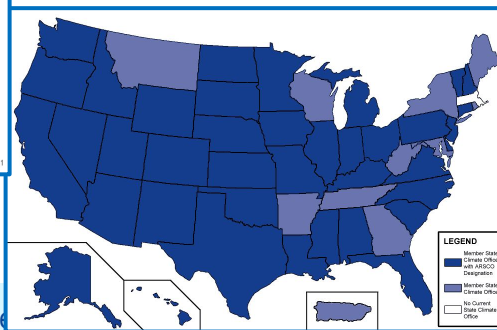
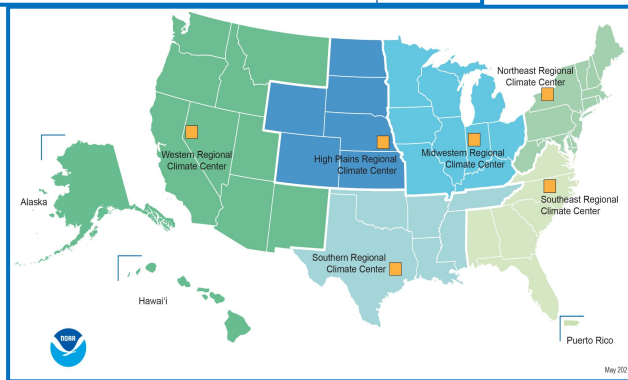


National Scope

- 6 Regional Climate Service Directors
- *Voice of NOAA Climate* in each region
- NOAA and cross-Agency engagement and coordination

Implemented Regionally

- 6 Regional Climate Centers (RCC)
- Regional themes
- Regional partners in NOAA and with other Federal and tribal partners
- Inter-state coordination



RCSDs:

<https://www.ncei.noaa.gov/regional/regional-climate-services-directors>

RCCs: <https://www.ncei.noaa.gov/regional/regional-climate-centers>

State Climate Offices: <https://stateclimate.org/>

and at the
State level

- State climatologists

NOAA/NCEI/Regional Climate Services



Alaska Region
(RCSD)

Desert Research Institute,
University of Nevada
Reno, NV



Pacific Region
(RCSD)

Regional Climate Centers (RCC)

Regional Climate Services Directors (RCSD)

American Association of State Climatologists (AASC) HQ

University of Nebraska
Lincoln, NE

Purdue University
West Lafayette, IN



Cornell University
Ithaca, NY

Northeast
RCC

Eastern Region
(RCSD)



Midwestern
RCC

High Plains
RCC

Western Region
(RCSD)

Central Region
(RCSD)

Southeast
RCC

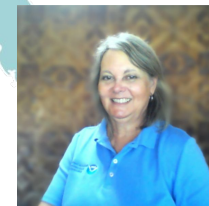
NCEI &
AASC

University of
North Carolina
Chapel Hill, NC

Southern
RCC

Southern Region
(RCSD)

Texas A&M University
College Station, TX



Dec 2021

National Integrated Drought Information System (NIDIS)



- Congressional Authorization (P.L. 109-430)
- Multi-Agency Partnership on Drought Resilience
- 8 Regional Drought Early Warning Systems support drought monitoring, forecasting, planning, & applied research
- U.S. Drought Portal: www.drought.gov



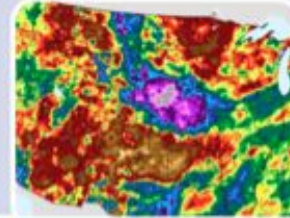
Drought and
Wildfire



Drought and
Public
Health



Drought
Impact
Analysis

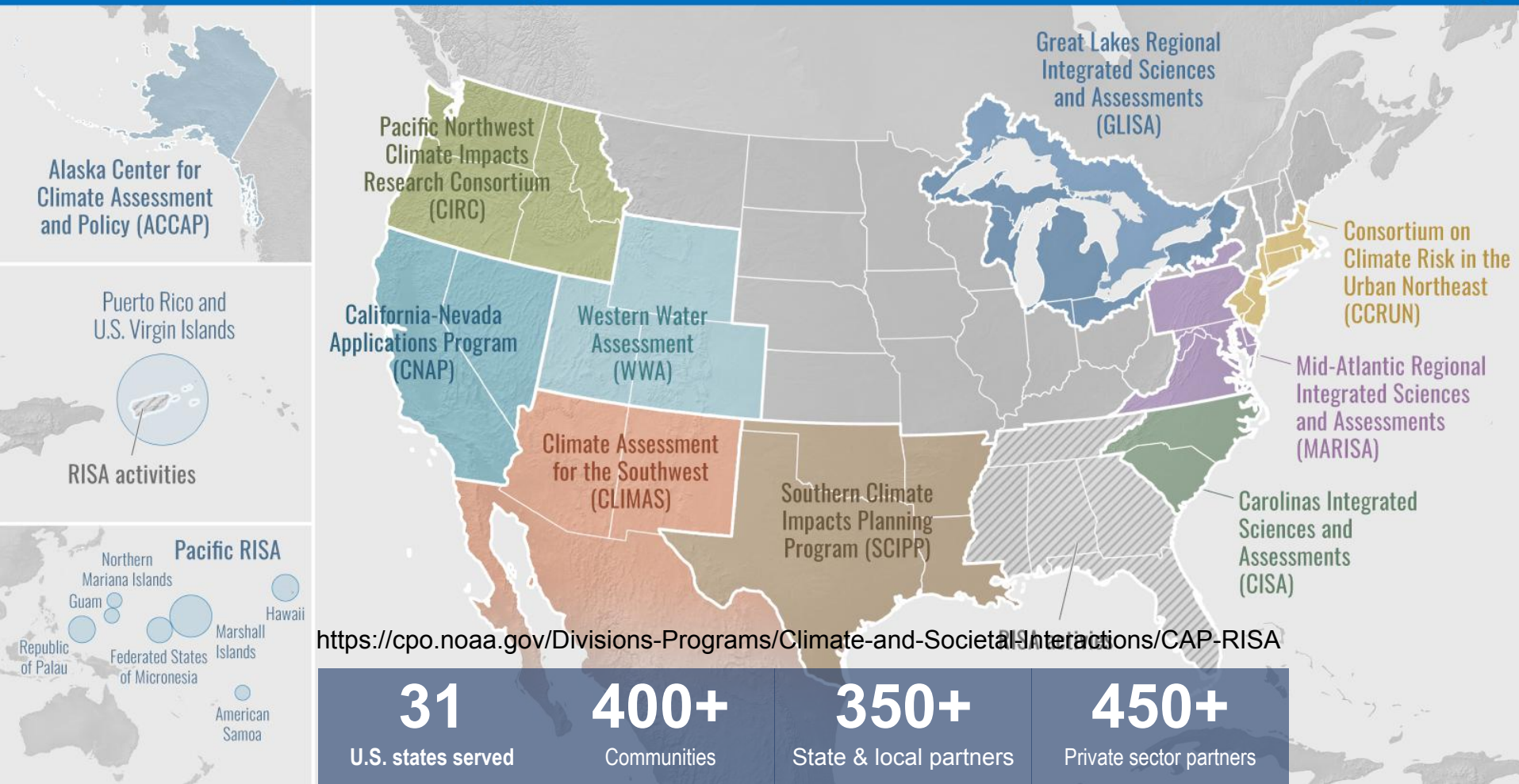


Drought
Indicators
and
Triggers

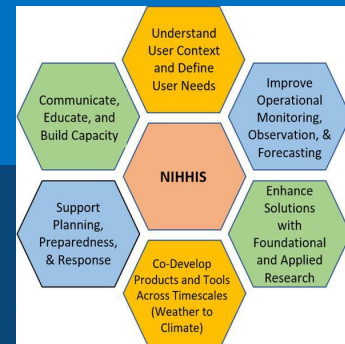


National
Soil
Moisture
Network

NOAA's Regional Integrated Sciences and Assessments (RISA)



National Integrated Heat Health Information System (NIHHIS)



HEAT.gov

National Integrated Heat Health Information System

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[Tools & Information](#)

[At Risk Groups](#)

[Planning & Preparing](#)

[About](#)

Welcome to HEAT.gov

Heat related illnesses and death are largely preventable with proper planning, education, and action. Heat.gov serves as the premier source of heat and health information for the nation to reduce the health, economic, and infrastructural impacts of extreme heat.

Heat.gov is the web portal for the National Integrated Heat Health Information System (NIHHIS)

News

[EPA Announces Winners of Let's Talk About Heat Challenge](#)

[White House Announces Actions on Extreme Heat](#)

[New Heat Health Webinar Series: Overlooked and Overburdened](#)



Tools & Information



Who is at Risk to
Extreme Heat



Climate and Health
Outlook

Mission: NIHHIS builds societal understanding of heat risks, develops science-based solutions, improves capacity, communication, and decision-making to reduce heat-related illness and death.



Questions?



Ellen L. Mecray

NOAA National Centers for Environmental Information



Regional Climate Services Director- Eastern Region

Ellen.L.Mecray@noaa.gov

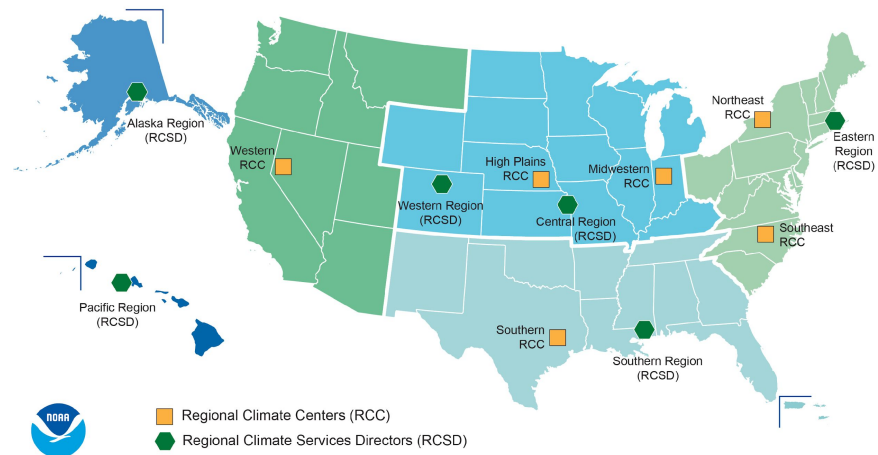


<https://www.ncei.noaa.gov/regional/regional-climate-services-directors/eastern>



October 5, 2022

Recorded for DOT_NOAA Regional Climate Services



Regional Climate Centers (RCC)

Regional Climate Services Directors (RCS)

May 2021



NOAA

SCIENCE. SERVICE. STEWARDSHIP.

